RECEIVED-WATER SUPPLY

MISSISSIPPI STATE DEPARTMENT OF HEALTH 2013 JUN 27

BUREAU OF PUBLIC WATER SUPPLY

CCR CERTIFICATION FORM

CALENDAR YEAR 2012

Public Water Supply Name

S ID # 530002 List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. Since this is the first year of electronic delivery, we request you mail or fax a hard copy of the CCR and Certification Form to MSDH. Please

che	neck all boxes that apply.	
	Customers were informed of availability of CCR by: (Attach copy	of publication, water bill or other)
	Advertisement in local paper (attach copy of advertisement in loca	address below)
	Date(s) customers were informed: 6 / 16 / 13, / /	, / /
	CCR was distributed by U.S. Postal Service or other direct demethods used	elivery. Must specify other direct delivery
	Date Mailed/Distributed://	
	CCR was distributed by Email (MUST Email MSDH a copy) As a URL (Provide URL As an attachment As text within the body of the email message	Date Emailed://
×	CCR was published in local newspaper. (Attach copy of published	CCR or proof of publication)
	Name of Newspaper: Starkville Daily	vews
	Date Published: 6 / 18 / 2013	
	CCR was posted in public places. (Attach list of locations)	Date Posted:/
	CCR was posted on a publicly accessible internet site at the following	ing address (DIRECT URL REQUIRED):
I her publishes the Dep	RETIFICATION Dereby certify that the 2012 Consumer Confidence Report (CCR) has blic water system in the form and manner identified above and the SDWA. I further certify that the information included in this CCI water quality monitoring data provided to the public water separtment of Health, Bureau of Public Water Supply. The data we cause from the color water supply.	R is true and correct and is consistent with ystem officials by the Mississippi State
Bure P.O.	reau of Public Water Supply (60 D. Box 1700 ekson, MS 39215 Ma	ty be faxed to: 1)576-7800 ty be emailed to: lanie, Yanklowski@msdh.state.ms.us

RECEIVED-WATER SUPPLY

2013 JUN 27 AM 8: 29

2012 Annual Drinking Water Quality Report BLACKJACK WATER ASSOCIATION #1 PWS ID#530002 JULY 1, 2013

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. The Blackjack Water Assn. is supplied by groundwater pumped from 2 wells, each about 1400 feet deep in the Gordo aquifer. Our Source-Water Assessment has been completed. Copies of this assessment are available at our office.

We are proud to report that the water provided by Blackjack Water Assn. meets or exceeds established water-quality standards.

If you have any questions about this report or concerning your water utility, please contact Theodis Weaver at (662) 769-1780. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Monday of each month at 7:00 p.m. at Blackjack Missionary Baptist Church. Our annual meeting will be held in August of 2013. Further details regarding this meeting will be sent in the mail prior to the

Black ack Water Assn. routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of **January 1**st to **December 31**st, **2012.** As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water.

Close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health.

					TEST I	RESULTS			
Contamir		Violation Y/N	<u>Date</u> <u>Collected</u>	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	<u>MCL</u>	Likely Source of Contamination
Disinfe	ctants d	& Disinfo	ection By-l	Products	(There is conv	incing evidence	a that addi	tion of a disinfectant is n	
microbia	contamin	ants.)				monig evidence	c mai audi	tion of a disinfectant is n	ecessary for control of
Chlorine	(as Cl2)	N	2012	0.90	0.5 – 1.2	ppm	4	4	Water additive used to control microbes
Inorga	anic Co	ontamir	ants						
10. Bariur									
io. Bariur		N	2010	0.057	0.055-0.057	<u>Ppm</u>	2	2	Discharge of drilling wastes: discharge from metal refineries: erosion of natural deposits

AL=1.3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives 16. Fluoride N 2010 0.112 NO RANGE ppm 4 Erosion of natural deposits; water additive which promotes strong teeth discharge from fertilizer and aluminum factories 7. Lead N 2011 0.001 0=.001 ppm 0 AL=15 Corrosion of household plumbing systems, erosion of household plumbing systems, erosion of natural deposits Radioactive Contaminants Alpha Enmiters N 2012 3.3 2.4-3.3. pCi/l 0 1.5 Erosion of natural deposits	14. Copper	N	2011	0.1	.0021-0.1	Tppm	12		
Systems; erosion of natural deposits; leaching from wood preservatives 16. Fluoride				-	.0021-0.1	ppm	1.3	AL=1.3	
Inatural deposits; leaching from wood preservatives Name Na									
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Description of the latest contaminants Description of the latest contamina									
16. Fluo fide N 2010 0.112 NO RANGE ppm 4 Erosion of natural deposits; water additive which promotes strong teeth discharge from fertilizer and aluminum factories 7. Lead N 2011 0.001 0001 ppm 0 AL=15 Corrosion of household plumbing systems, erosion of natural deposits Radioactive Contaminants Alpha Emmiters N 2012 3.3 2.4-3.3. pCi/l 0 15 Erosion of natural					1	1			
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		1	1			1	<u>U</u>	13	deposits

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has and is now in compliance with Radionuclides Rule. If you have questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions.

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

2012 Annual Drinking Water Quality Report

BLACKJACK WATER ASSOCIATION RECEIVED: WATER SUFFLY

MILY 1, 2013

PLACKINCK WATER ASSOCIATION RECEIVED. WATER SUPPLY PRIVING 1992.

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Please call our office if you have questions.
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